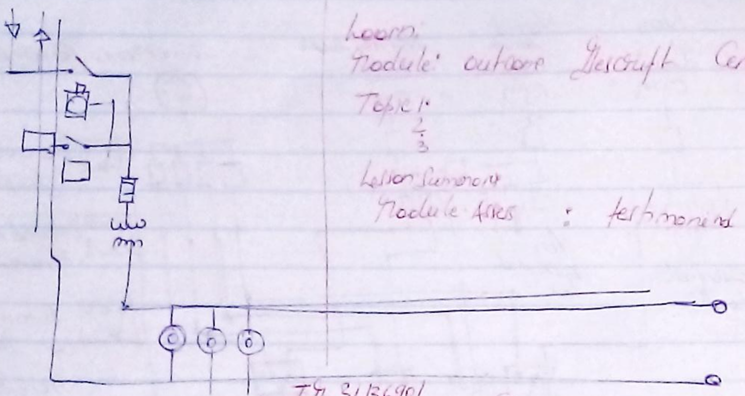
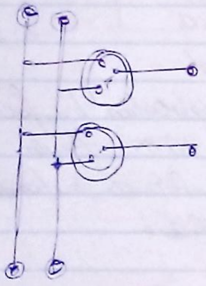


Learn:
Module: outcome Descrift Certfi.
Topic 1.
2
3
Lesson Summary
Module Aries : testimonial

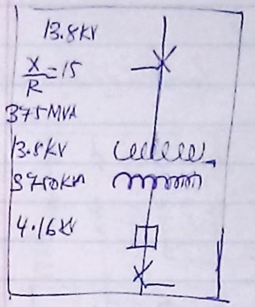
ID 31136901
Courses in Progress
- Diploma in The Project for Civil Eng. 94% Co
- Security Guarding's CCTV Monitoring 9%
- Diploma in Electrical technology %
- Electrical Engineering in theory
- ISO 37301:2021 Principle of Comp
= the Basic of Security Guard work
- Introduction to Body guard Training
= advanced Diploma in Basic of Electrical
- Diploma In Solar Energy Engineering
- Diploma in Electrical Studies
V Quote V-splen. Plans



Learn | Career | earning
over 30 days
Achievement learning
24 - 18 min total Time
Course Completion 0%
Course Completed 0
Courses in Progress 11

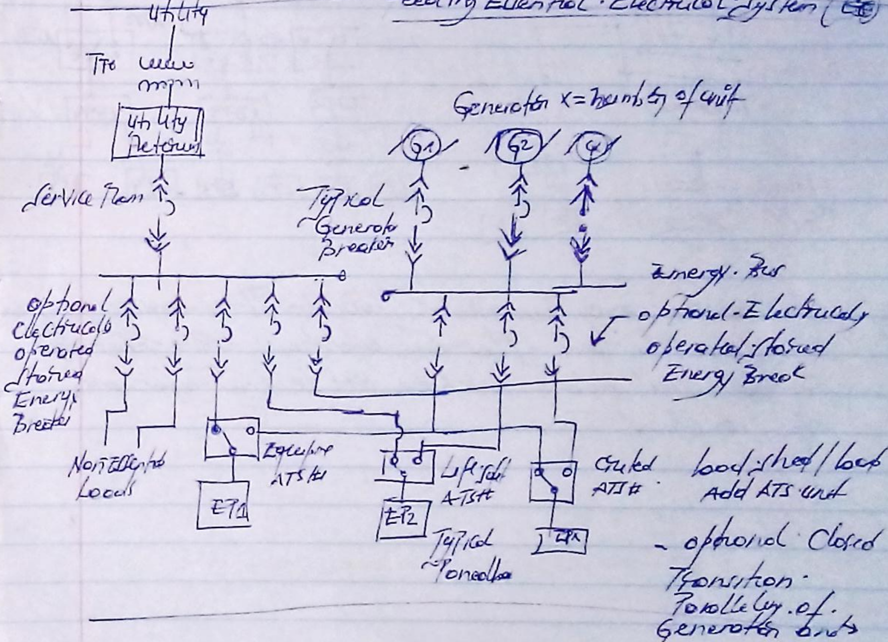
Explore Course certificates Learn More
Learn a Diploma
Resume Builder & Career Readiness
Aptitude test & workplace workflow Personality
Employment

Learner reports Tools - Alison Graduate Profile
Lms: 6 month : Alignment (a) Self Enrole fe Lect Guest View All 190
Manage certificate | Total Certificate etc : Current
Account Total Alig Vet : Team Course Certified 0 : Balance of Certfi

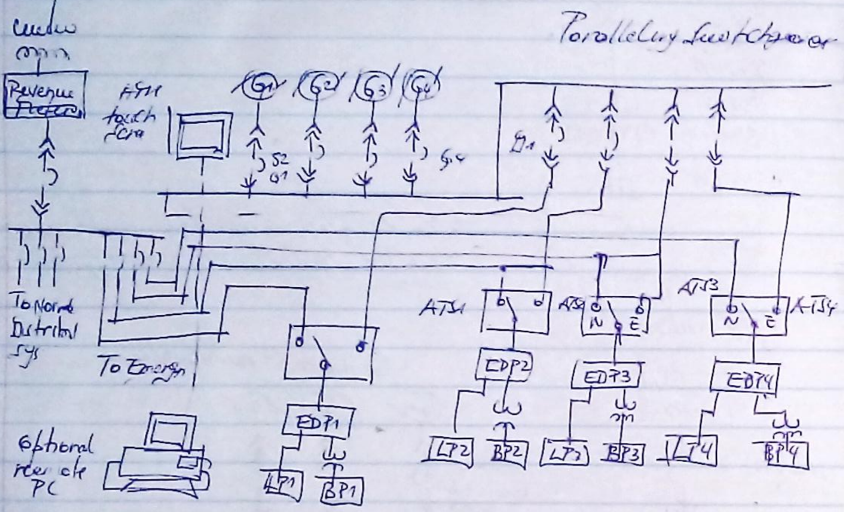


13.8KV
$\frac{X}{R}=15$
375MVA
13.8KV
3750KVA
4.16KV

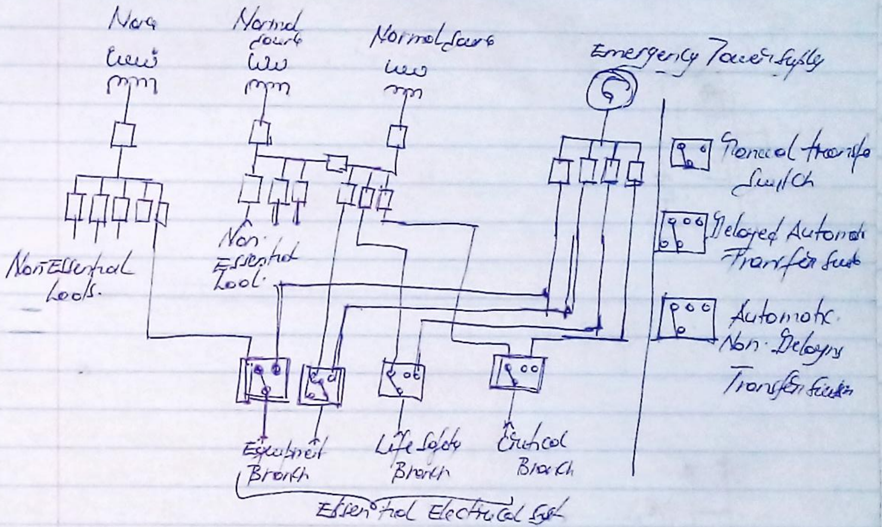
Typical one - line for Paralleling - Switchgear Feeding Essential · Electrical System (EES)



Utility
TFO
Utility Metering
Service Main
Typical Generator Breaker
Generator x = Number of unit
G1
G2
Gx
Energy · Bus
optional - Electrically operated stored Energy Break
optional Electrically operated stored Energy Breaker
Non Essential Loads
Equipment ATS #
EP1
Life Safety ATS #
EP2
Typical Panelboard
Critical ATS #
EPx
load shed / load Add ATS unit
- optional Closed Transition: Paralleling of Generator units


Utility
Revenue Meter
ATM touch screen
G1
G2
G3
G4
52 G1
G.4
Paralleling Switchgear
To Normal Distribution Sys
To Emergency
ATS1
ATS2
ATS3
ATS4
N
E
EDP1
EDP2
EDP3
EDP4
LP1
BP1
LP2
BP2
LP3
BP3
LP4
BP4
Optional remote PC

Typical: Emergency Power Power. Typical:- Three engine generator set serve the load. Plus one additional engine generator set for Redundancy to achieve NH Level of Performance open or closed Tran


Normal
Normal Source
Normal Source
Emergency Power Supply
G
Non Essential Loads.
Non Essential Load
Equipment Branch
Life Safety Branch
Critical Branch
Manual transfer Switch
Delayed Automatic Transfer Switch
Automatic Non Delayed Transfer Switch

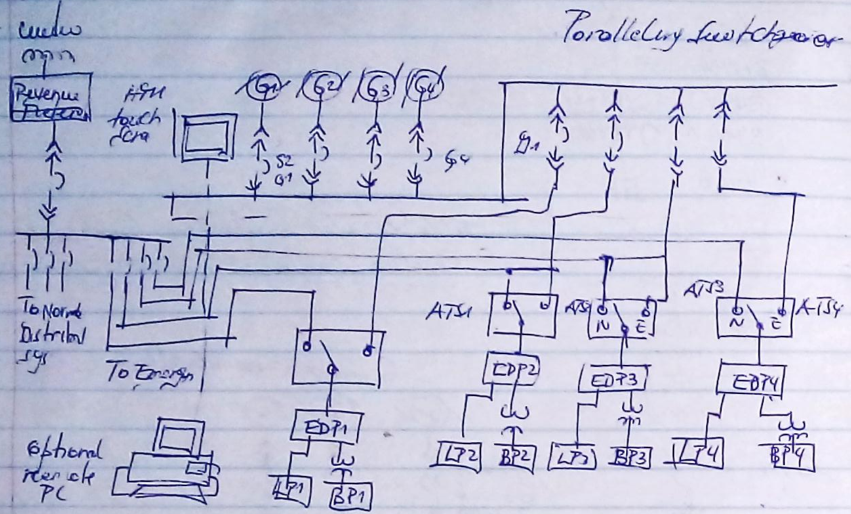
Essential Electrical Sys

- Power Distribution Sy-: Typical application by facility
- Typ 10, class X, Level I gen set NFPA Power. The load, maximum of 10 seconds Service. Automatic Transfer switches » Healthcare

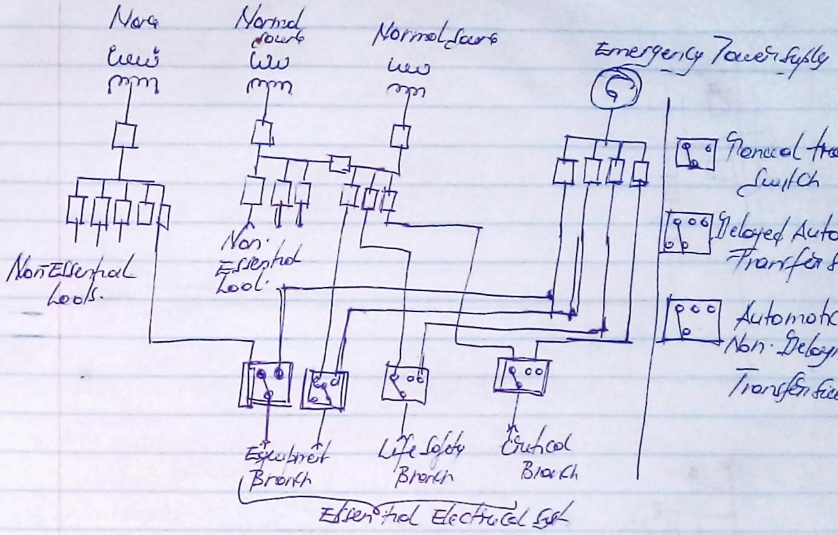
---

Tihungombe Ahitadis
BCR2DN4TZ2X CJHTG
corporate website:
URL https://www.tetchungombe.com
+27 72529894

- Payments Profile:
ID-3709-2952-3179
Google wallet issue:
ID: 3388 0000 000 2226 0070
LE22G4 BR


Parallelling Switchgear
Utility
Revenue Protection
HM touch screen
G1
G2
G3
G4
52 G1
G4
G1
To Normal Distribution sys
To Emergency
ATS1
ATS2
ATS3
ATS4
N
E
EDP1
EDP2
EDP3
EDP4
LP1
BP1
LP2
BP2
LP3
BP3
LP4
BP4
Optional remote PC

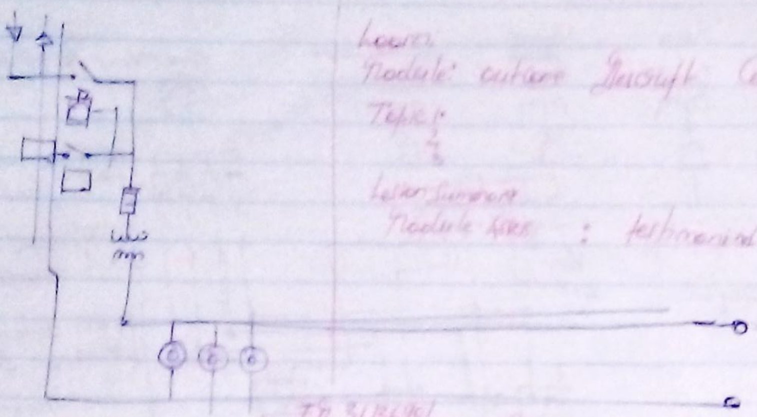
Typical: Emergency Power Paws: Typical: Three engine generator set serve the load. Plus one additional engine generator set for redundancy to achieve NH Level of Performances open or closed Trans


Normal
Normal source
Normal source
Emergency Power Supply
G
Non Essential Loads.
Non Essential Load
Equipment Branch
Life Safety Branch
Critical Branch
Essential Electrical Sys
Manual transfer switch
Delayed Automatic Transfer Switch
Automatic Non Delaying Transfer Switch

- Power Distribution sy: Typical application by facility
- Ty 10, class X, Level 1 gen set NFPA Power. The load, maximum of 10 seconds Server Automatic Transfer switches » Health Care

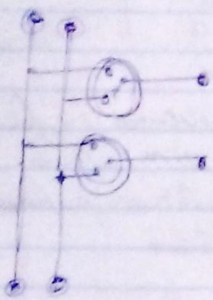
Tihungombe Ashitadi>
BCR2ON4TZ2X 6JHTG
corporate website:
URL https://www.tshungombe.com
+27 72529 894

- Payments Profile:
ID=3709-2932-3179
Google wallet: Issue:
ID: 3388 0000 000 2226 0070
LF EZ Go BB



Learn
Module: outcome Microsoft Certif.
Topic:

Learner Summary
Module AAA : Achievement

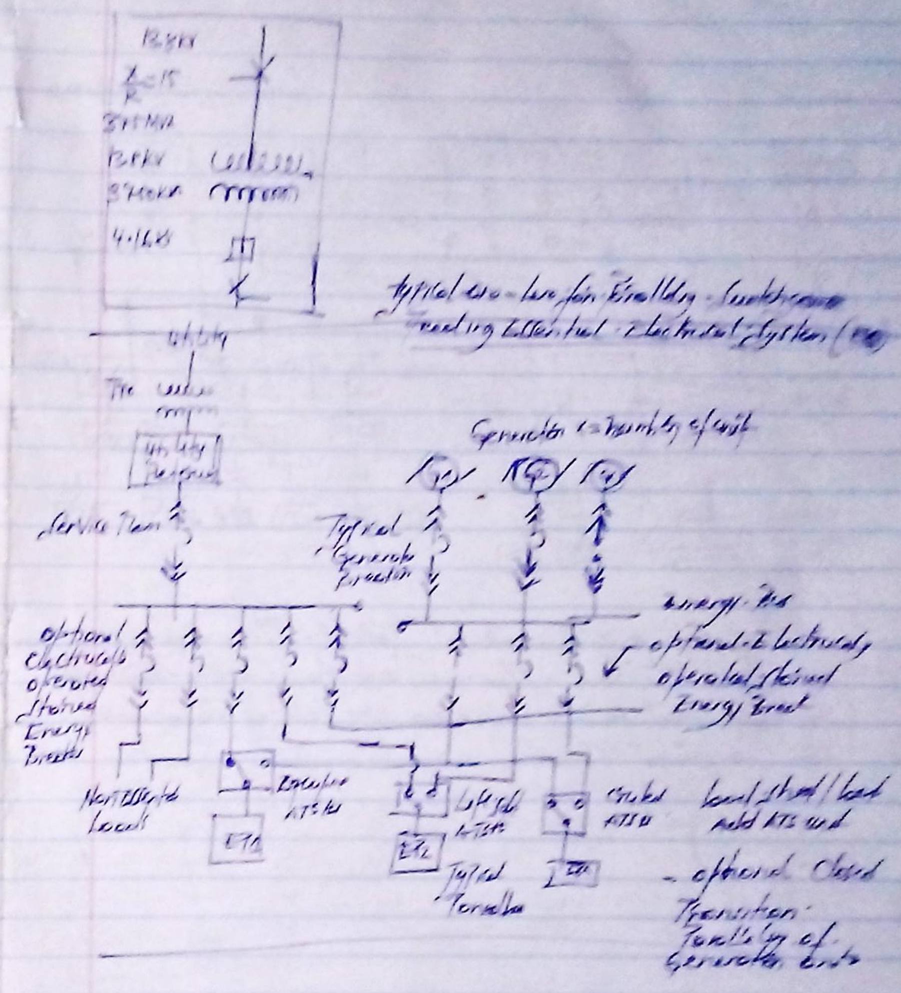


ID 31386901
Courses In Progress

- Diploma in IT Project for Civil Eng 9%
- Security Guarding & CCTV Monitoring 9%
- Diploma in Electrical technology %
- Electrical Engineering in theory
- ISO 37301:2021 Principle of Comp
- the Basic of Security Guard work
- Introduction to Body guard Training
- advanced Diploma in Basic of Electric
- Diploma in Solar Energy Engineering
- Diploma in Electrical Trades

Vicente V-Stan. Plans

Learn | Career | Earning
over 80 Days
Achievement Learning — Explore Course certificates Learner Mana
24 - 12 min total Time — Learn a Diploma
Course Completion 0% — Resume Builder, Career Readiness
Course Completed 0 — Aptitude test, workplace, complete Personal
Courses in Progress 11 — Employment
Learner Reports Module — Alison Graded Profile
LMS: 6 month: Alignment, Self evaluate & Achieved View All, Manage Certificate / Total Certificates : Current
Account Total Alison Course: Team Certified 0 : Delete of Cert



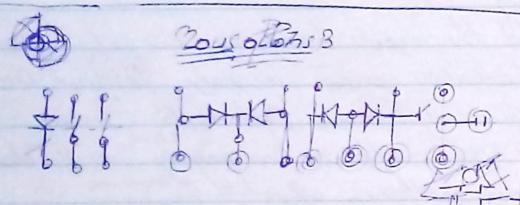
Typical one-line for Building - Switchgear feeding Essential - Electrical System (...)

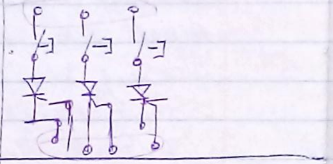
13.8kV
X/R=15
375MVA
13.8kV
3750kVA
4.16kV
480V
Tr
Utility Metering
Service Main
Generator redundancy of unit
G1
G2
G3
Typical Generator Breaker
Emergency Bus
optional electrically operated Stored Energy Breaker
optional electrically operated Stored Energy Breaker
Non Essential Loads
Emergency ATS E1
E1
Life Safety ATS E2
E2
Critical ATS E3
E3
Typical Transfer
load shed / load add ATS and
- optional Closed Transition Paralleling of Generator units

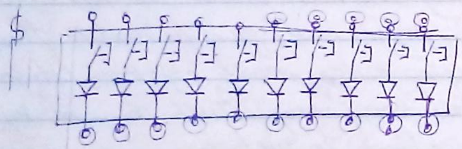
Message From SAPS. SERG. NG. SEOBELA Will investigate your Case HILLBROW Ref nr CAS 297/11/2024. unit Contact Details: 011-4886511. Do not Reply to this:

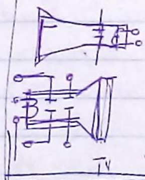
->>

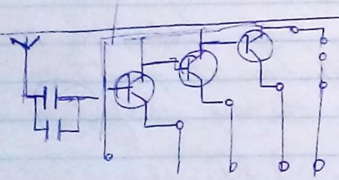
Message from SAPS. Investigation in HILL.BROW Ref nr CAS 297/11/2024. all Lead followed up. Case Closed. Docket will be re-opened upon new Leads. Do Not reply to this SMS.>> ;

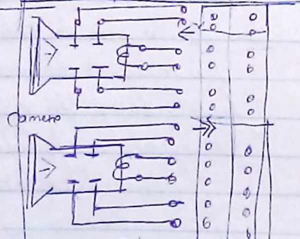

Cousofons 3

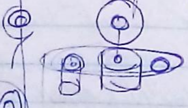






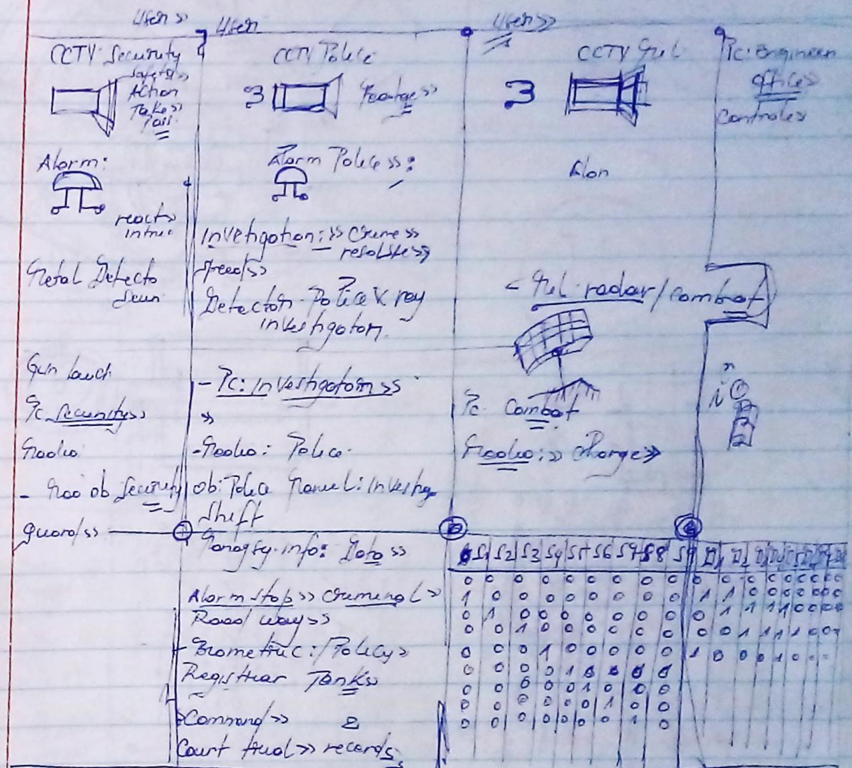




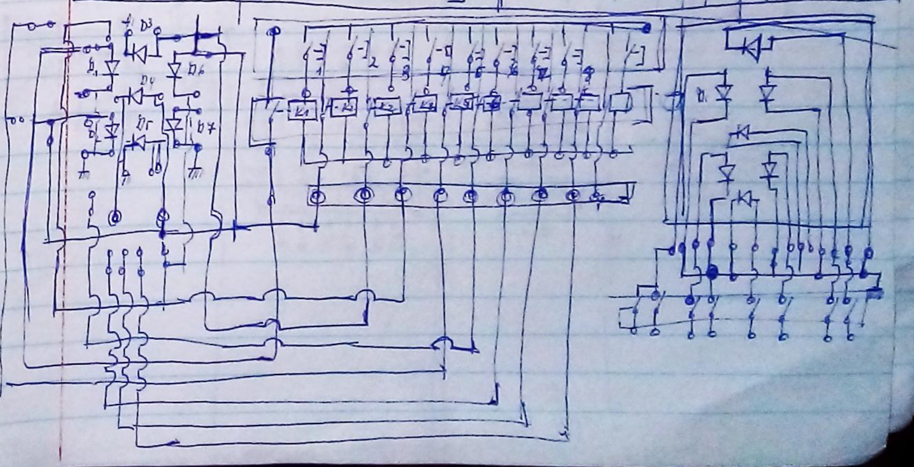


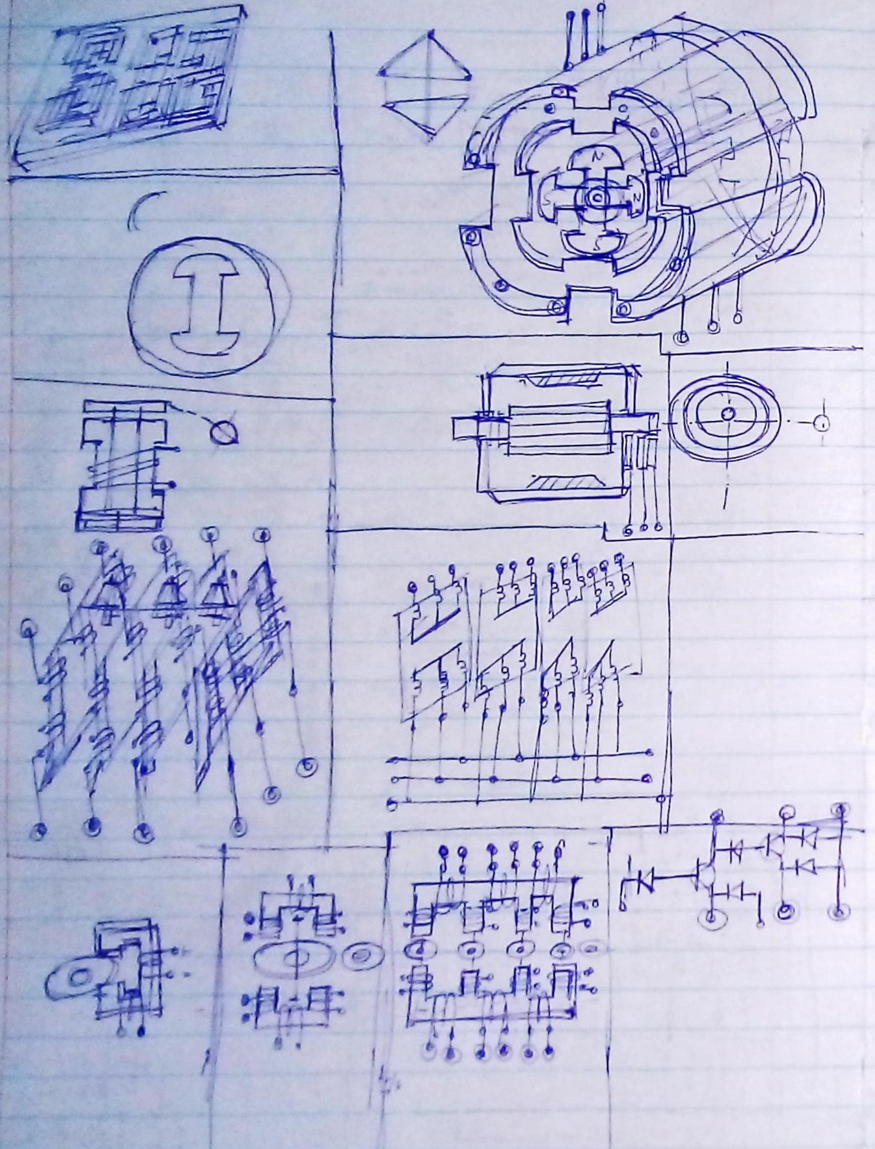
5w0G@9qx

320

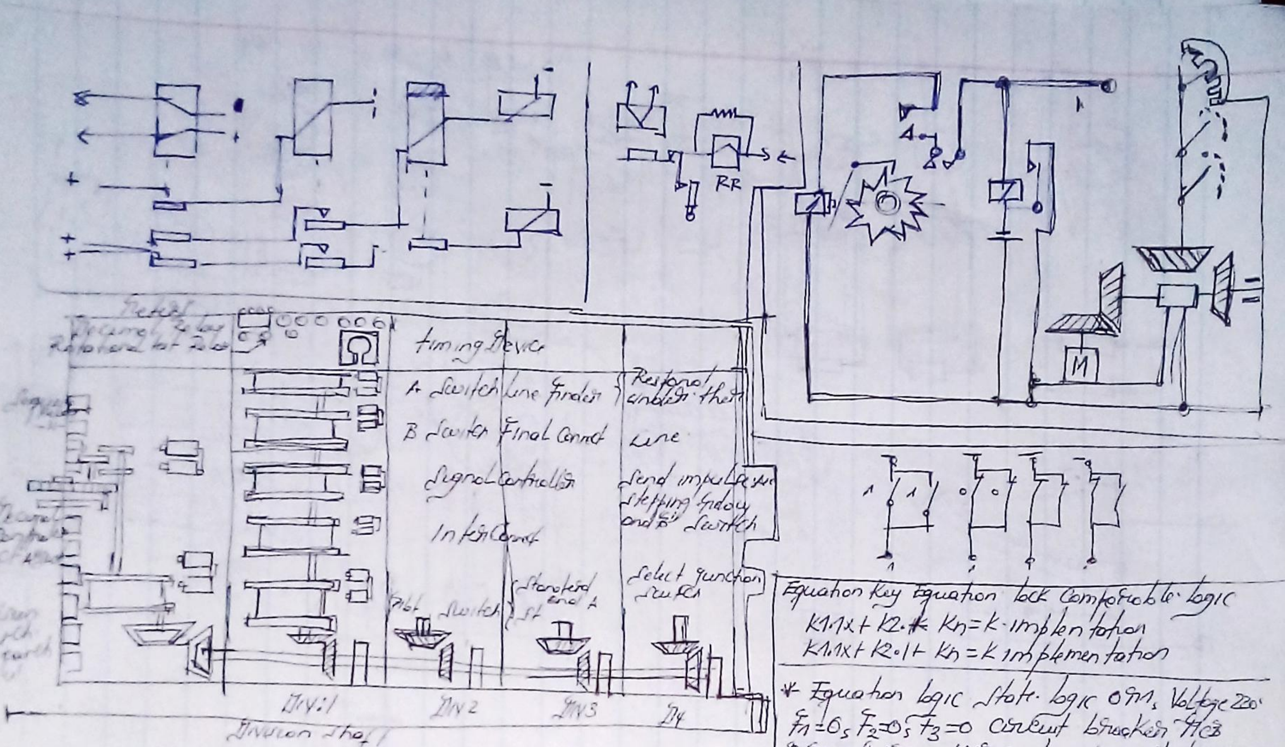

User>>
User
User>>
CCTV Security
Safety>>
Action
Take>>
Pass
Alarm:
reacts>
intrus
Metal Detecto
Scan
Gun Lauch
Pc Security>>
Radio
- Radio ob Security
Guards>>
CCTV Police
3
Footage>>
Alarm Police>>:
Investigation:>> Crime>> resolve>>
Arrests>>
Detection Police X ray investigator.
- Pc: Investigator>>
>>
- Radio: Police
ob: Police Panel: Investig. Shift
Tonagity info: Data>>
Alarm stop>> Criminal>
Road way>>
Biometric: Policy>
Registrar Tanks>
Command>>
Court trial>> records
CCTV Gul
3
Alon
< Gul radar/combat
Pc Combat
Radio:>> Charge>>
Pc: Engineer
offices
Controles

S1	S2	S3	S4	S5	S6	S7	S8	S9
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	0
0	1	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0	0
0	0	0	1	0	0	0	0	0
0	0	0	0	1	0	0	0	0
0	0	0	0	0	1	0	0	0
0	0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1	0


D1
D2
D3
D4
D5
D6
D7
K1
K2
K3
K4
K5



- Attorney Can open Case fen Probone - that Settlement Agreement is finish is not Contravention the are not Security in law is finish so now is Security Service is Work after Law is Security is Policy Finished so that Company is work Labour Agreement Debator is Fixing Contract Short "Days" so Security is Work Weighting
- Security the Gate o Licensing Contravention the gate Accord that Dismissal and Agreement Finish out the Licensing
- Security Council the mode bargaining Council License made Via Chancellor order Security Permit Secure Licensing Job Security Trade Diplomatic Pursuit
- order merit rank officer Company Rank Colonel Sopu Rank Media fighting - offo
- Council Security member order labour order justice Litigation Judge must give to realise that graduation Process, judge must appoint litigant those Rules that Company Must Pay Salary Judge stop in leave to appeal in justice.
- No to much Colonel Media Judge Stopped Pay money no to much Colonel administration the pay. those leaves leave to appeal order the pay Stopped Security Council and Judge
- The Can Workforce on to granted by there self money money self Adequant Allment Affect the work leave appeal to our property Found order Petition to our fund Contravention to our property affect Judge stop that Practice

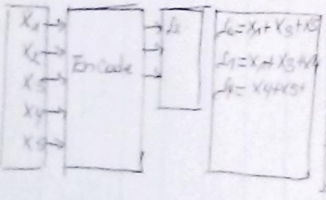

RR
A
1
M
Relay
Decimal Relay
Rotational bat Relay
Timing Device
A Switch
Line finder
Restored under their
B Switch
Final Connect
Line
Signal Controller
Send impulse stepping relay and B switch
InterConnect
Select junction switch
Pilot Switch
Standard and A st
Div 1
Div 2
Div 3
D4
Division Shaft

Equation Key Equation lock Comfortable logic
K1.1x + K2.* Kn = K. implentation
K1.1x + K2.1 + Kn = K implementation

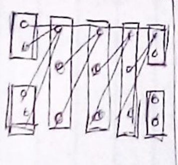
* Equation logic State. logic 0 1, Voltage 220'
$F_1=0$, $F_2=0$, $F_3=0$ circuit breaker MCB
MCB1=0, MCB2=0, MCB=0, Line 123 State=0
$F_1+F_2+F_3$. Metering Kwh=0, Kvarh=0 KVA=0
cos meter=0
circuit breaker, over load. rcb0=0
Db box system db=0, operation
Db=F1F MCB + Kvar + Kwh

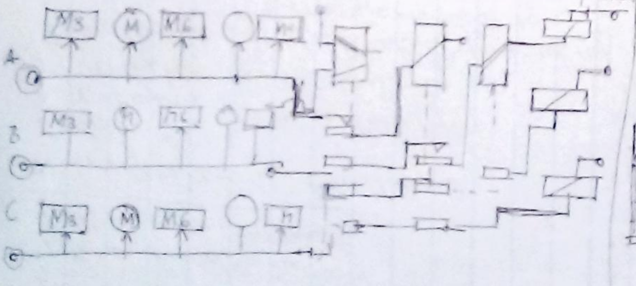
* Call key Display sw1, sw2, sw3, sw4
Call and recall - s0 b, Q
* Call and recall current sw1, sw2, sw3
* Module Call recall (sw1 task, Call task, sw
Call task. sw1. required contact task sw1=

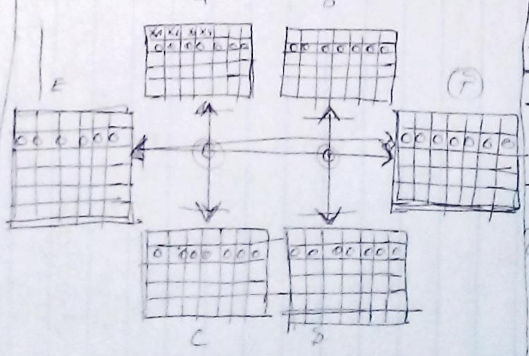
*Tasks:
* Call pression Pressostat - sw1 task,
* Module Calculator (operational, Call task
Call, sw1 operation logic adds substract


X1
X2
X3
X4
X5
Encode
S0
S0=X1+X3+X5
S1=X2+X3+X4
S2=X4+X5+

X1	X2	X3	X4	X5	X6	X7	S1	S2	S
0	0	0	0	0	0	0	0	0	0
1	0	1		1	0	0	0	0	1
1	0	1	1	0	0	0	1	0	
0	0	0	1	1	1		0	0	1




A
B
C
M5
M
M6
M3
M



. Module Calculate operational, sw1
multiplication
- Module inversion
- Integration circuit
- Call pression
under pressure
- Call, module step
task, s2, s4, s3
sequence Program
Call pin adress

Kwh	X kwh	X1	X2	X3	X4	X5	X6	X7	X8
KVA h									
VA h									
wA h									
Total meter									

Tax	X1	X2	X3	X4	X5	X6	X7	X8	X9	X10	X11	X12	X13	X14	X15	X16
a	0	0	0	0	0	0										
b																
b^2																
D^2																Σ0

Algorigramme: operational System
- Initial - F1 start F1=1 yes, or not initialisation F2=1 yes
or equal =0 initial initiation f-3=1 yes equal=0 initial
sw=1 yes Km=1, yes Kg=1. yes step. reinitialisation

. Logigramme algebraic boolean Convert
- Binary 2, or Decimal base, Hexadecimal 16, input/output flags
sw1=0, sw2=0, sw3=0, sw=0/000 base 10, base 16
= s1=0, s2=0, s3=0, s4=0, 0=0/000
Km=0, Km=0, Km=0, Km=0, 1000,
Kg=0, Ky= Km=0, Km0/0

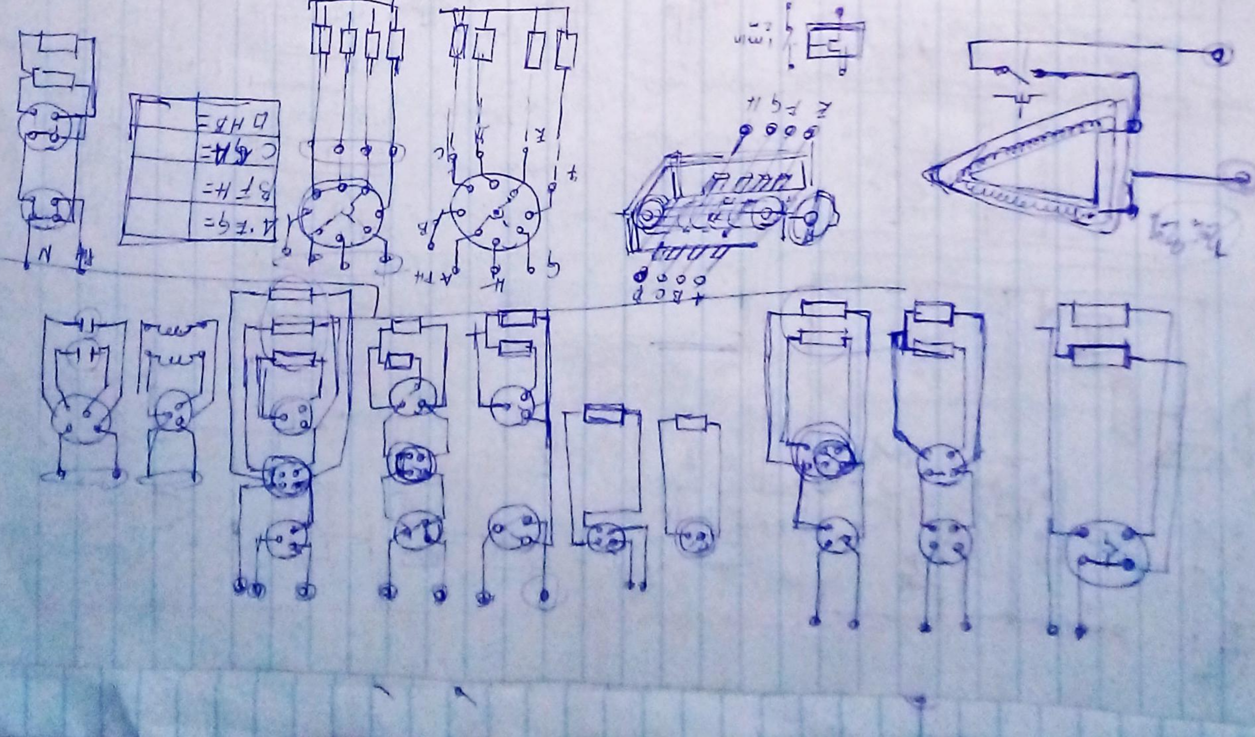
Db = Lights+outlet socket + guyzer+
Sw1=1 Light=1, Sw2=1, Sw3=1, Sw4

* organization: Dol reverse Local
Km1= F1+So + (S1+Km2) Rotor
Km2= F2 +So·(S2+Km)·
K1m = F1+ So·(S1+Km2)·Km2
K2m = F2+So(S2+ Km2)· Km1

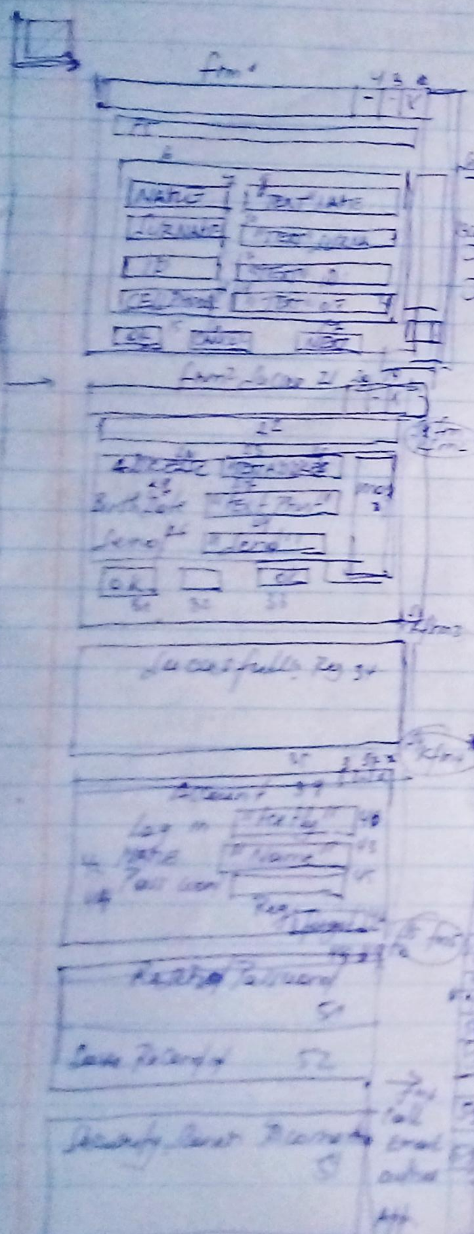
K start = F1+So(S1+ Km1)·Kd
K delta = F2+So(S1+ Km2)·Ks

on Line generator. transformer
Transmitter
K generator = F1+ So(S1+Kg1)· Kg2
K1 generator = F2+So(S2+Kg2)· Kg
Transformer = F = (Q+break+Q)·(Q+break+Q)
+ transfora+break+Q

CS-Program PLC
10. Print Sw1
20. Print Sw2
30. Print Sw3
40. Print Sw4
50. Print S1
60. Print S2
70. Print S3
80 Print S4
100 Print Kg
110 Print t
Input = "Sw1", Sw2, Sw3, Sw4
input = S1, S2, S3, S4
Input = Kg
If "Sw1=1·1
Else
Show
String



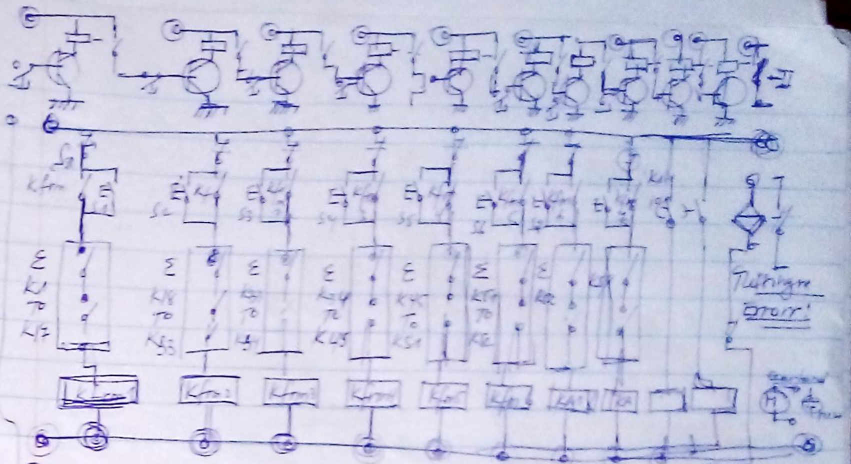
A·FG=	
BFH=	
CGA=	
DHB=	


frm1
NAME
TEXT NAME
SURNAME
TEXT SURNAME
ID
TEXT ID
CELL Phone
TEXT CELL
OK
CANCEL
NEXT
frm2 Screen 21
22
ADDRESS
TEXT ADDRESS
Birth Date
TEXT Birth
Sex
Sex
OK
OK
30
32
33
Successfully Reg 34
Kfrm3
Kfrm4
Account
Log in
Name
Password
Restart Password
Save Record 52
Successfully Saved Record
53
frm5

Sefrm Kfrm1

1	0	1		S1	K1	10	frm1
2	0	0		S2	K2	20	
3	0	0		S3	K3	30	
4	0	0		S4	K4	40	
5	0	1		S5	K5	50	Print text
6	0	1		S6	K6	60	
7	0	1		S7	K7	70	Print
8	0	1		S8	K8	80	
9	0	1		S9	K9	90	
10	0	1		S10	K10	100	
11	0	1		S11	K11	110	IF
12	0	1		S12	K12	120	
13	0	1		S13	K13	130	
14	0	1		S14	K14	140	IF and
15	0	1		S15	K15	150	
16	0	0		S16	K16	160	ELR
17	0	0		S17	K17	170	
18	0	0	0	S18	K18	180	IF = or
19	0	0	0	S19	K19	190	= or
20	0	0	0	S20	K20	200	=
21	0	0	0	S21	K21	210	
22	0	0	0	S22	K22	220	=Show next-frm2
23	0	1	0	S23	K23	230	
24	0	1	0	S24	K24	240	IF
25	0	1	0	S25	K25	250	IF and= Arys
26	0	1	0	S26	K26	260	
27	0	1	0	S27	K27	270	IF = or = or=
28	0	1	0	S28	K28	280	
29	0	1	0	S29	K29	290	Show=nextfrm3
30	0	1	0	S30	K30	300	
31	0	1	0	S31	K31	310	
32	0	0	0	S32	K32	320	
33	0	0	0	S33	K33	330	
34	0	1	0 0	S34	K34	340	IF=
35	0	0	1 0	S35	K35	350	
36	0	0	0 0	S36	K36	360	
37	[illegible]	[illegible]	[illegible]	S37	K37	370	F and
38	[illegible]	[illegible]	[illegible]	S38	K38	380	
39	[illegible]	[illegible]	[illegible]	S39	K39	390	
40	[illegible]	[illegible]	[illegible]	S40	K40	400	IF and
41	[illegible]	[illegible]	[illegible]	S41	K41	410	Show=nextfrm4
42	[illegible]	[illegible]	[illegible]	S42	K42	420	
43	[illegible]	[illegible]	[illegible]	S43	K43	430	
44	[illegible]	[illegible]	[illegible]	S44	K44	440	
45	[illegible]	[illegible]	[illegible]	S45	K45	450	-If and = frm5
46	[illegible]	[illegible]	[illegible]	S46	K46	460	Show
47	[illegible]	[illegible]	[illegible]	S47	K47	470	
48	[illegible]	[illegible]	[illegible]	S48	K48	480	
49	[illegible]	[illegible]	[illegible]	S49	K49	490	
50	[illegible]	[illegible]	[illegible]	S50	K50	500	Next [illegible]
51	[illegible]	[illegible]	[illegible]		K51	510	Show [illegible]
52	0	1	0 0	S52	K52	520	
53	0	1	0 0		K53	530	
		1	0 0	S53		540	

Find
Call
Email
and
App


S1
S2
S3
S4
S5
S6
Kfrm
Σ K1 To K17
Σ K18 To K33
Σ K34 To K44
Σ K45 To K51
Σ K51 To K52
Kfrm1
Kfrm2
Kfrm3
Kfrm4
Kfrm5
Kfrm6
KA1
KA
Tushigne Error!
Control

Control Key
Loop>>
Font

①

Kfrm1=(S1·Kfrm1)+(Σ K1 To K17)

Kfrm2=(S2·Kfrm1)+(Σ K18 to K33)

Kfrm3=(S3·Kfrm2)+(Σ K34 to K44)

KfrmKA=(K52)+(S+Kfrm6)

KfrmRestart(Rung) — relocation KF

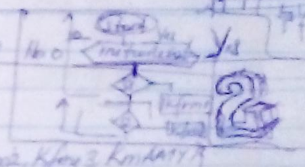
Kfrm4=(S4·Kfrm3)+(K44 to 45)

Kfrm5=(S5·Kfrm4)+(K45 to 50)

Kfrm6=(S6·Kfrm5)+(K51 to K52)

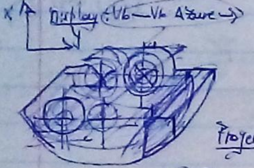
Kfrm7=KA2( )+( )

② Cmd click Event >> Send >> Sub ?? ○

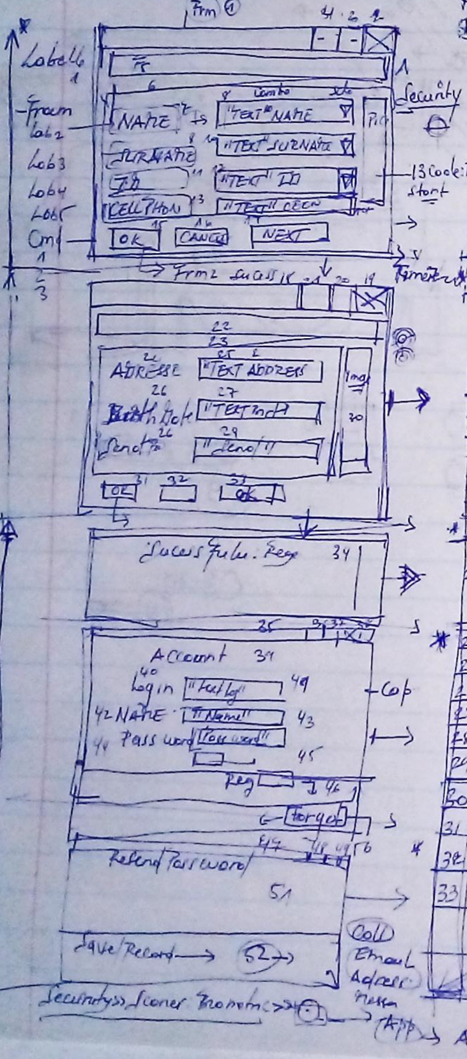

Start
instruction
No
Yes
Kfrm

```
Kfrm1=
→ Begin nge:
Caption = "user form, Kfrm1, Kfrm2, Kfrm3, Kfrm3, KmAAY
          Kfrm4, Kfrm5, Kfrm6, KA
Client Height = 5085
Client left = 45
Client Top = 375
Client width = 1685
object blob = "user form Documentation
Start up. Position = 3'windows
Bmho = -1 true
What this = -1 true
Attribute VB Name = "user form Kfrm1
                    VB Kfrm2, Kfrm3
                    Kfrm3, Kfrm4
                    Kfrm5, Kfrm6
End
Attribute VB_Global Name Space = False
Attribute VB_declared Ixt = true
Attribute VB_Predeclare Id = True
Attribute VB_Exposed = False
End Sub: Private user form Private [illegible]
```

```
End Sub
Private Sub Combo Box Change()
("TEXT NAME")
End Sub
Private Sub Command Button
click()                      3d 15, 16, 17>>
Private Sub Command Button
                             31, 32, 33.
• Private Sub [illegible] (6)
- Private Sub user form click
#S End Sub: Private Sub User form
Error (By Val number As integer
By Val Description As [illegible] Return
String By Val Scode As long, By Val
Source As String By Val [illegible]
[illegible] Return Boolean, [illegible] user form
By Val [illegible] Return integer
[illegible] By Val [illegible]
```


x
y
Display: Vb—Vb Azure→

Project: → Published online Ilirat Statement S1 Variable: Logic Code


Frm ①
4 · 2 · 1
Label6
1
-Fram
Lab2
Lab3
Lab4
Lab5
Cmd
1
2
3
6
8
combo
NAME
"TEXT" NAME
SURNAME
"TEXT" SURNAME
ID
"TEXT" ID
CELLPHON
"TEXT" CELL
Pic
OK
CANCEL
NEXT
Security
13 Code: Pro start
→ Frm2 sucess
20
19
22
23
ADRESSE
"TEXT ADDRESS"
Birth Date
"TEXT Date"
Sender
"Sender"
Img
30
31
32
33
OK
Sucessfulu. Reg
34
35
Account 39
40
Login
"Text Log"
42 NAME
"Name"
43
44 Pass word
"Password"
45
Reg
46
Forget
47
48 49 50
Cop
Resend Password
51
Save/Record →
52 →
Call
Email
Adress
Message
Security» Scaner Biometric»
App → Androids

Variable state binary» / timer
Control»→

(XY)

1	0	1				10
2	0	0				20
3	0	0				30
4	0	0				40
5	0	1				50
6	0	1				60
7	0	1				70
8	0	1				80
9	0	1				90
10	0	0				
Timer						
11	0	1				100
12	0	0				110
13	0	0				120
14	0	0	1			130
15	0	0	1			140
16	0	0	1			150
17	0	0	1			160
18	0	0	1			170
19	0	0	1			180
20	0	0	1			190
21	0	0	1			
22	0	0	1			120
23	0			1		230
24	0					240
25	0	0	0	0	1	250
26	0	0	0	0	0	260
27	0	0	0		0	270
28	0	0	0	0		280
29	0	0	0	0	1	290
30	0	0	0	0	1	300
31	0	0	0		1	310
32	0	0	0	0	1	120
33	0					330

S1 + S17

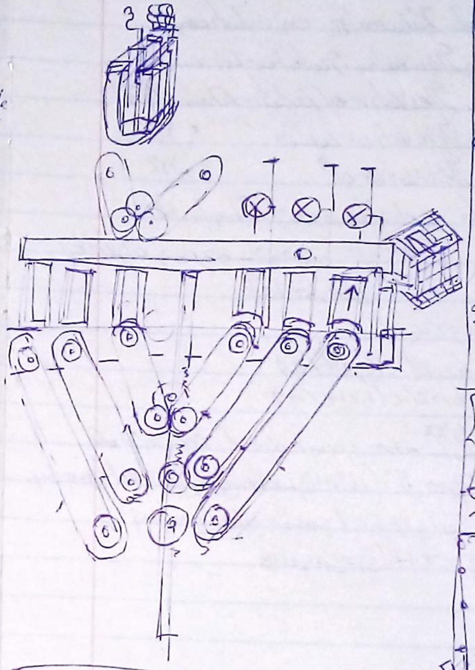
IF=1, AND IF=1
IF=0

AND→
OR → 15,16,17
lock

AND→
OR → 31,32,33

AND→
OR→

AND→
OR→

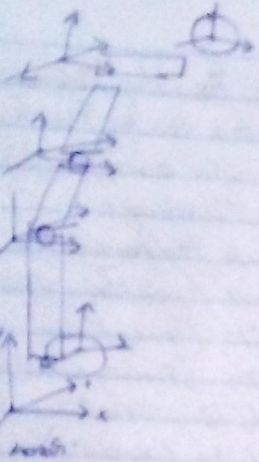


System English American
to Continue: Project usa.
Syste » short to make thing
again Metaphysic Forme.
- theory» Value: Building agog
Systems» System: no Breating
Theory» . Inshtut

— Low Rules Transformation tre
buchon way » bridge»
Masters» .

Master: Building Noconerue
Countrie Contre Nautre: Stabilite
Noconerue alone Building
Nautre Vouvorage»
Nautrise Profondeurs»
Nautrise Anglophone system Sens
Nautrise Francophone
System language Master
no After Speaking- Sun
whoning words» Speaking

- thesis: youtube»
Anthems:
Synthesis Journals: offersica
sound/ Audio record Video
clip Master Real film»
record»
Low Rules Didactic Speciality
Elevation Answer!
Librairie No Doc Not operate.
Book» System» Master numbered
« Incidence Accident system
Every crash after thesis
System guideline orientation
System: good» thesis»
Course Curriculum: System
Methodologie» Vs» language
theorie
Andragogie Nachuses» Athens» .
Morphology» autopsie» >
< Phenomene: Peologie Inside



Central Kinematic calculation

- [illegible] Generation [illegible] forward
  from [illegible] of [illegible]
  from [illegible] ~ x, y, z
  from [illegible] x, y, z
  [illegible] $\mathrm{atan2}[a_1, a_2, a_3]^T \times [b_1, b_2, b_3]$
  $= (a \times b)^T$ [illegible]
  $[b_1, b_2, b_3]$

$q = (q_1, q_2, q_3 \ldots)$

$x = \mathrm{atan2}(-c(q_2)c(q_3)$

$y = \mathrm{atan2}(c(q_2)c(q_1)$

$P_k = [q_1, q_2]$

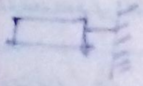
- effector calculation [illegible] calculated

$q = (q_1, q_2, q_3) = (0, 2, \ldots)$

$x_e(q) = [illegible] (l_1 \sin(q_1) + l_2 \sin(q_1+q_2) + l_3 \sin(q_1+q_2+q_3)$

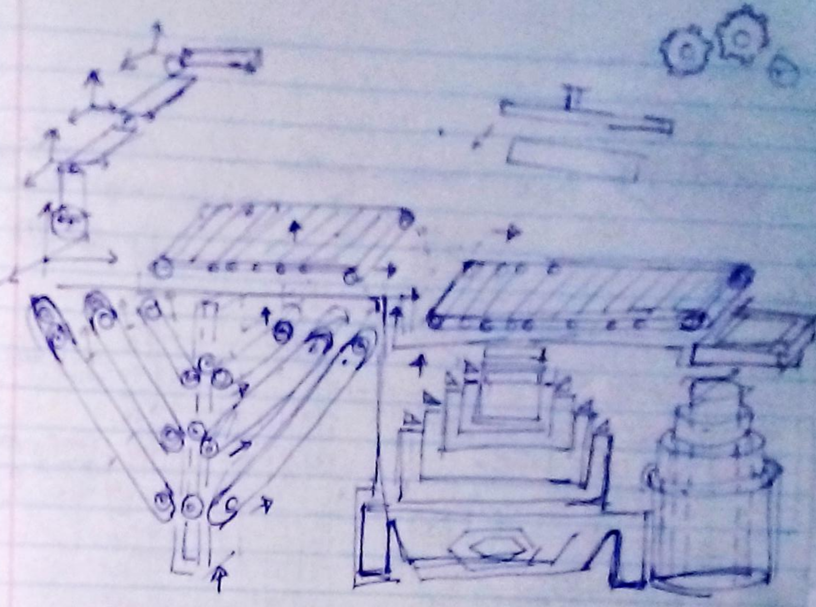
$l_1 + l_2 \cos(q_1) + l_2 \cos(q_1+q_2) + l_3 \cos(q_1+q_2+q_3)$

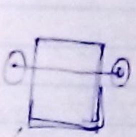
$z_{eR}(q) = z_{eR}(q) = q_1+q_2+q_3$

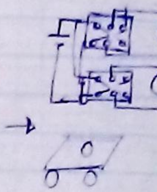


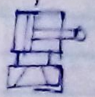
friction

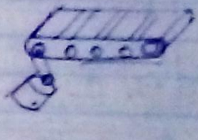
→ Probability Event number [illegible] favorable [illegible]
[illegible] total $P(A) = 1 - P(A)$ $P(A \text{ or } B) = P(A) - P(B)$
[illegible] [illegible] 1 [illegible] (back [illegible] 2 [illegible]
Total [illegible] Prob [illegible] $P(A) = 1/[illegible] = 3/8$







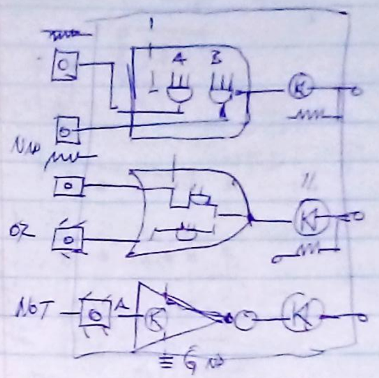




Servo → Base
Servo → Elbow

```
• Version . 5.00
Begin (CCLA69F0 - 162C -11CE-9E98-00AA0057A4F) userform
Caption = "userform1"
clientheight = 8055
clientleft = 45
Client Top = 375
client width = 16815
o leobject blob = "userform Document ofhla.frx":0000
• StartUp Position = 3 'windows
  Default
whatsthis button = -1 'true
whatthis = -1 'true
 End
Attribute VB_Name = "userform1"
Attribute VB_GlobalNameSpace = false
Attribute VB_Creatable = false
Attribute VB_PredeclaredId = true
Attribute VB_Exposed = false
Private Sub ComboBox1_Change()
End Sub
Private Sub Command Button1_Click()
End
Private Sub CommandButton1_Click()
End Sub
Private Sub Frame1_Click()
End Sub
Private Sub userform_click()
End Sub
```

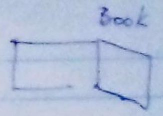
```
Private Sub userform_Error
(ByVal number As Integer,
ByVal Description As MSforms
ReturnString, ByVal SCode
As long, ByVal Source As String
ByVal HelpFiles As String
ByVal HelpContext As long
ByVal Cancel Display As
MSforms.ReturnBoolean)
End Sub
Private Sub userform_keyup
(ByVal KeyCode As MSforms.
Return Integer, ByVal Shift As
 Integer
 End Sub
 - Private Sub userform_MouseUp
 Button As Integer, ByVal
 Shift As Integer, ByVal X
 As Single, ByVal Y As
 Single)
```

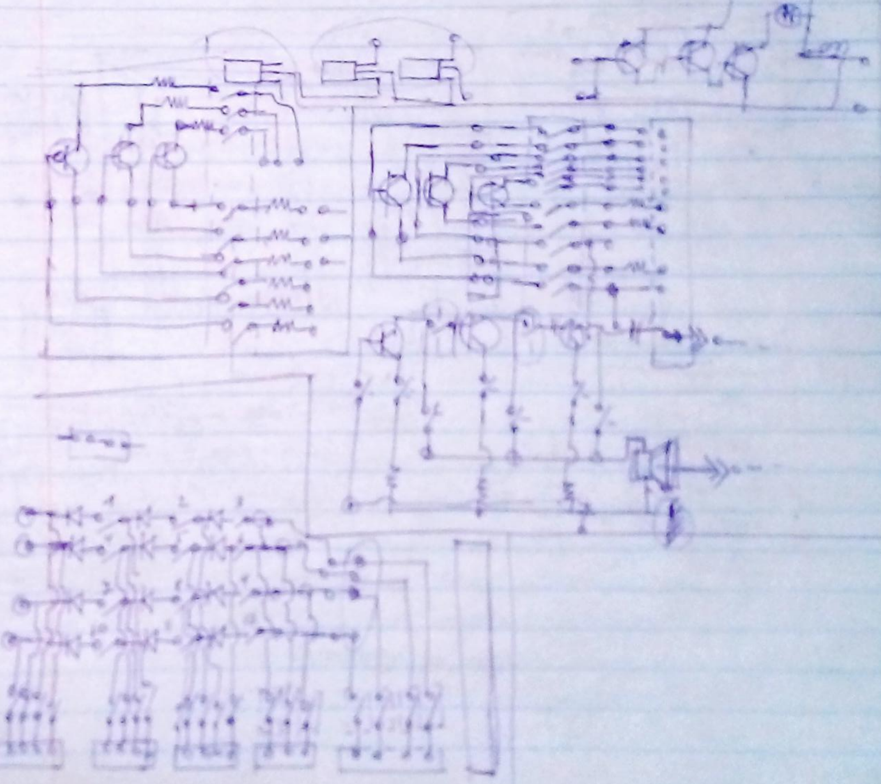


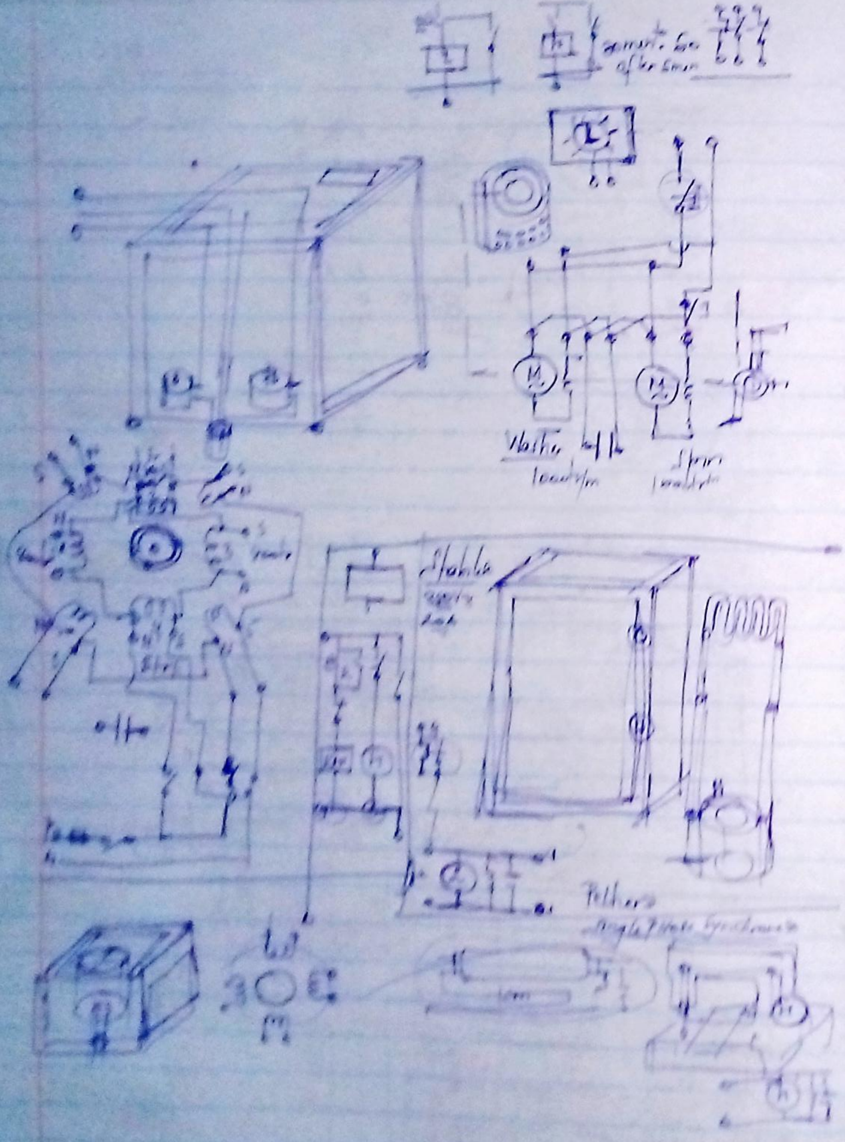
A	B	Z
0	0	0
0	1	0
1	0	0
1	1	1

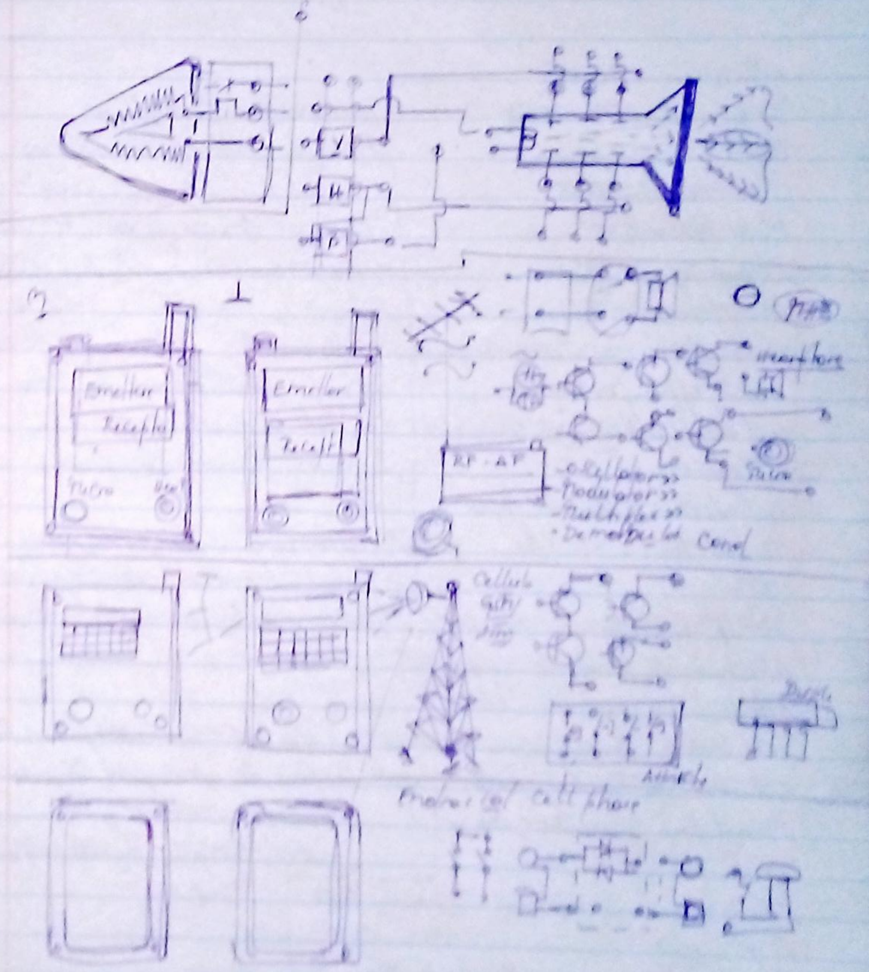
A	B	Z
0	0	0
0	1	1
1	0	1
1	1	1

A	Z
0	1
1	0






after 6min
Washer
Spin
Stable
supply
Filters
Single Phase Synchronous


Emetter
Receptor
Emetter
Receptor
RF - AF
- Oscillators
Modulators
Multiplexers
- Demodulator
Card
Cellular
cell phone